

PENG et al
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ABSTRACT OF THE DISCLOSURE

Method of producing mechanical pulp by initially compressing a fiber material, selectively weakening a pectin-enriched region in the fiber walls of the fiber material by impregnating fiber material with a pectinase-containing aqueous liquid resulting in hydrolysis of the pectins, and defibrating and refining the fiber material to produce a mechanical pulp. Mechanical pulp so produced is also described.